

REMARKS

Claims 3-10 currently appear in this application. The Office Action of June 17, 2003, has been carefully studied. These claims define novel and unobvious subject matter under Sections 102 and 103 of 35 U.S.C., and therefore should be allowed. Applicants respectfully request favorable reconsideration, entry of the present amendment, and formal allowance of the claims.

Claim Objections

Claims 1-6 are objected to under 35 U.S.C. 112, because the specification is said to be not enabling for elements such as carbon steel silverware or coking utensils made of a low carbon steel.

This objection [rejection?] is respectfully traversed. The claims have now been amended to recite methods of making material for an aperture grille.

Specification

The abstract of the disclosure is objected to because it contains more than 150 words.

Submitted herewith on a separate sheet is a new abstract of the disclosure which contains fewer than 150 words.



Art Rejections

Claims 1-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Tadashi et al.

This rejection is respectfully traversed. Tadashi et al. disclose a steel sheet containing 26-52% Ni, while the sheet of the present invention only contains 9 to 30% Ni. Tadashi et al., in the specification at [0012], state, "Therefore, as an object for the color picture tubes for shadow masks, you should limit the amount of nickel to 34-38%." In contrast thereto, the specification of the present invention states, at page 6, line 22 through page 7, line 9, "As for Ni, not less than 9 wt% of nickel is added to steel so that the steel structure after hot-rolling can attain a single alpha' (martensite) phase having a ferromagnetism as strong as possible and of the highest strength. When the addition amount of nickel increases, a martensite starting temperature (Ms point) drops and the nickel amounts.... However, even when the nickel amount exceeds 20 wt%, as far as less than 30 wt%, ..."

Additionally, the final cold rolling process of the present invention is at a reduction rate of not less than 60%. Tadashi et al. disclose a final cold rolling process of 15 to 29%.

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The claims have been amended to recite the methods of producing the material for use in an aperture grille as well as an aperture grille for use in a color picture tube and a color picture tube incorporating an aperture grille as made by the process claimed herein. The material claimed herein is neither taught nor suggested by Tadashi et al.

In view of the above, it is respectfully submitted that the claims are now in condition for allowance, and favorable action thereon is earnestly solicited.

Respectfully submitted,



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